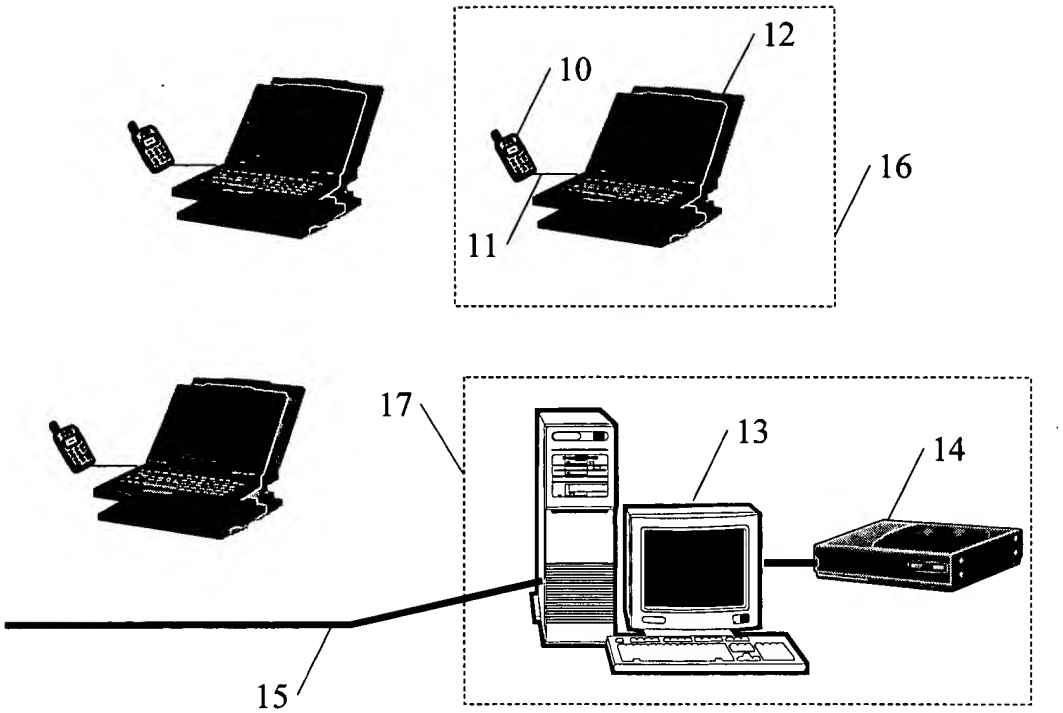

Fig 1

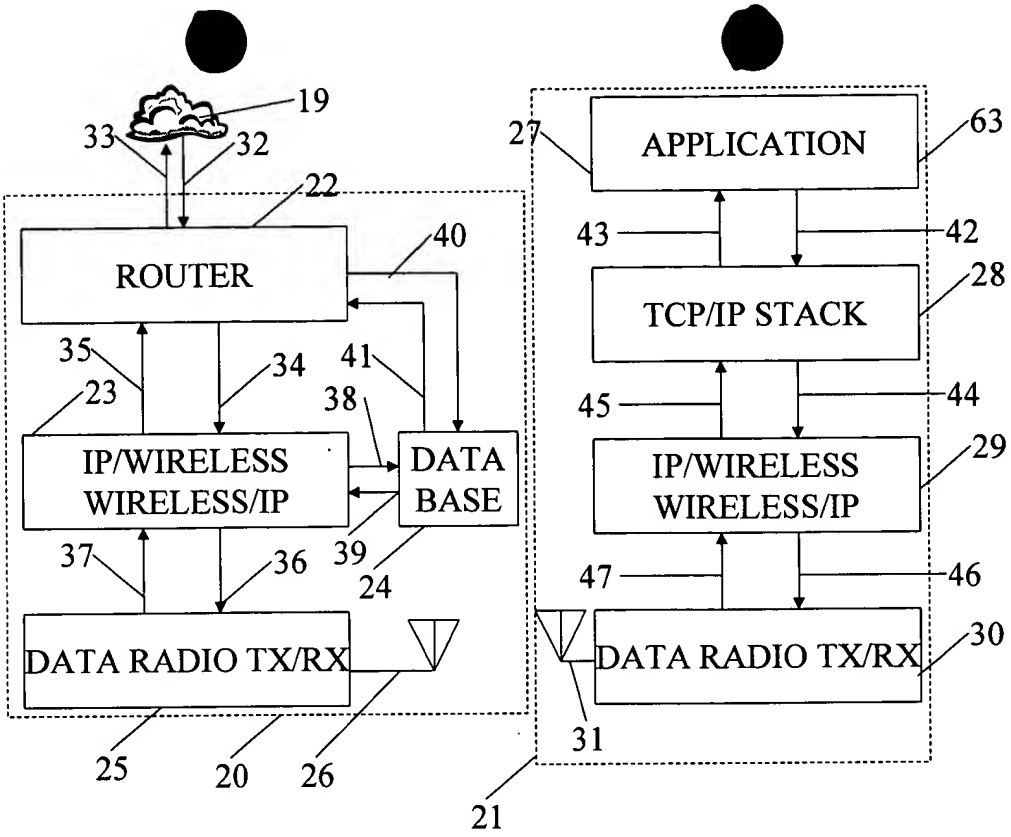
19
33
32
22
ROUTER
40
35
34
41
23
38
IP/WIRELESS
WIRELESS/IP
DATA
BASE
37
36
39
24
DATA RADIO TX/RX
25
20
26
27
APPLICATION
63
43
42
TCP/IP STACK
28
45
44
IP/WIRELESS
WIRELESS/IP
29
47
46
DATA RADIO TX/RX
30
31
21

FIG 2

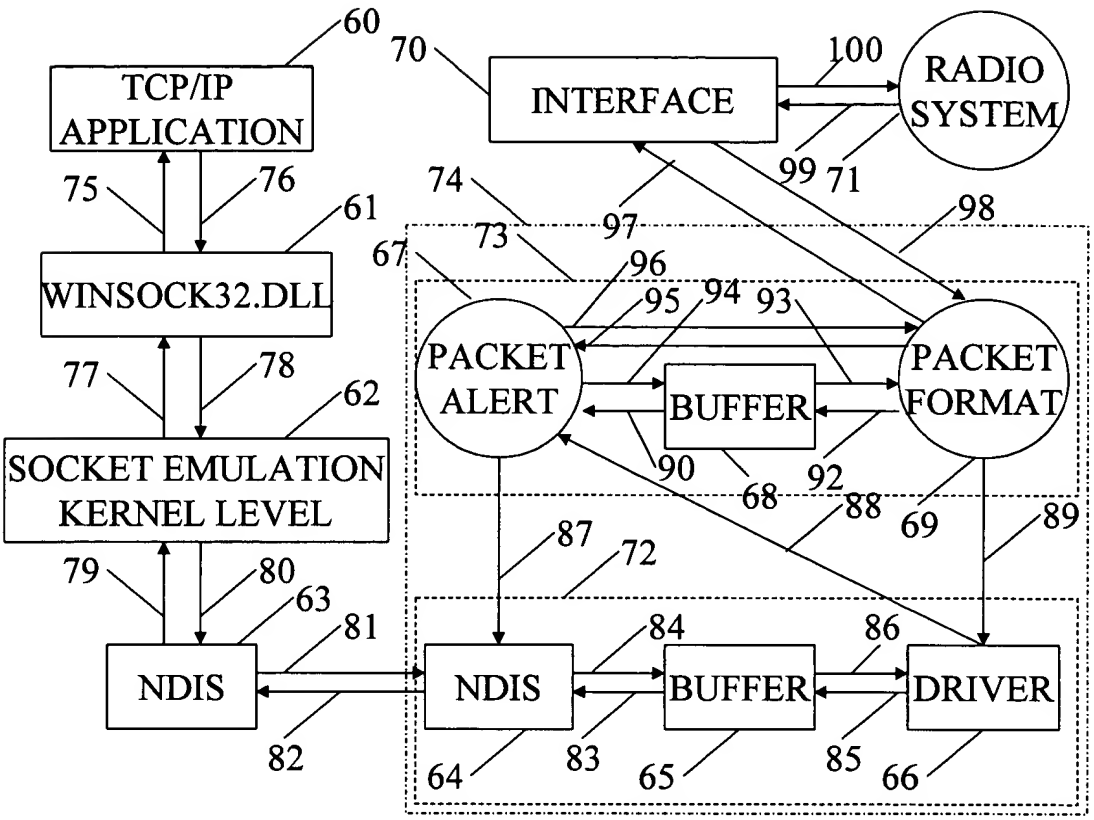
60
TCP/IP APPLICATION
70
INTERFACE
100
RADIO SYSTEM
99
71
75
76
74
97
98
61
73
67
96
WINSOCK32.DLL
95
94
93
PACKET ALERT
BUFFER
PACKET FORMAT
77
78
62
90
68
92
88
69
89
SOCKET EMULATION KERNEL LEVEL
87
72
79
80
63
81
84
86
NDIS
NDIS
BUFFER
DRIVER
82
64
83
65
85
66

FIG3

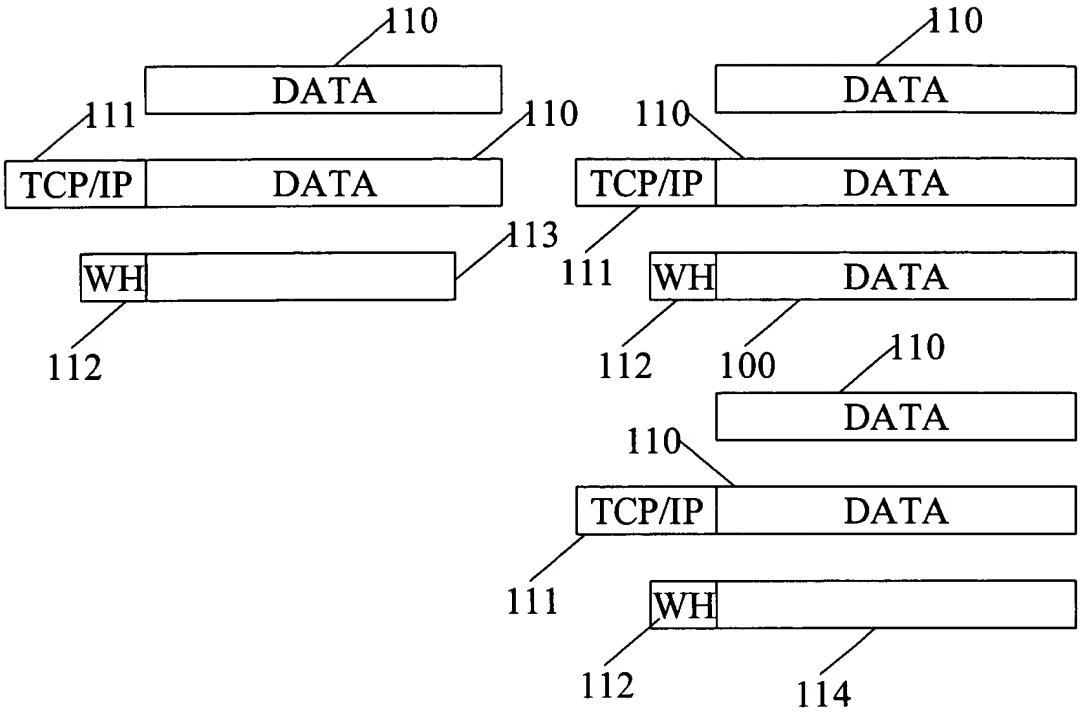
110
DATA
111
110
TCP/IP
DATA
113
WH
112
110
DATA
110
TCP/IP
DATA
111
WH
DATA
112
100
110
DATA
110
TCP/IP
DATA
111
WH
112
114

FIG4

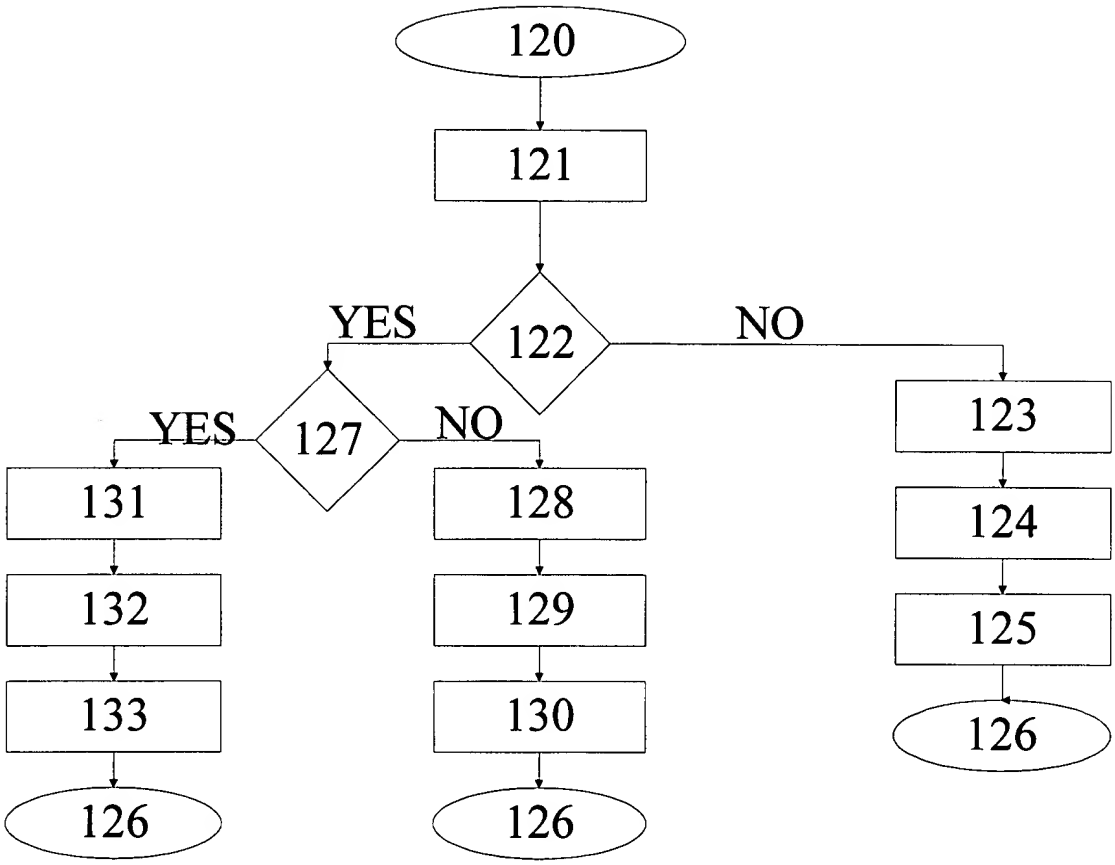
120
121
122
YES
NO
127
YES
NO
123
124
125
126
131
132
133
126
128
129
130
126

FIG5

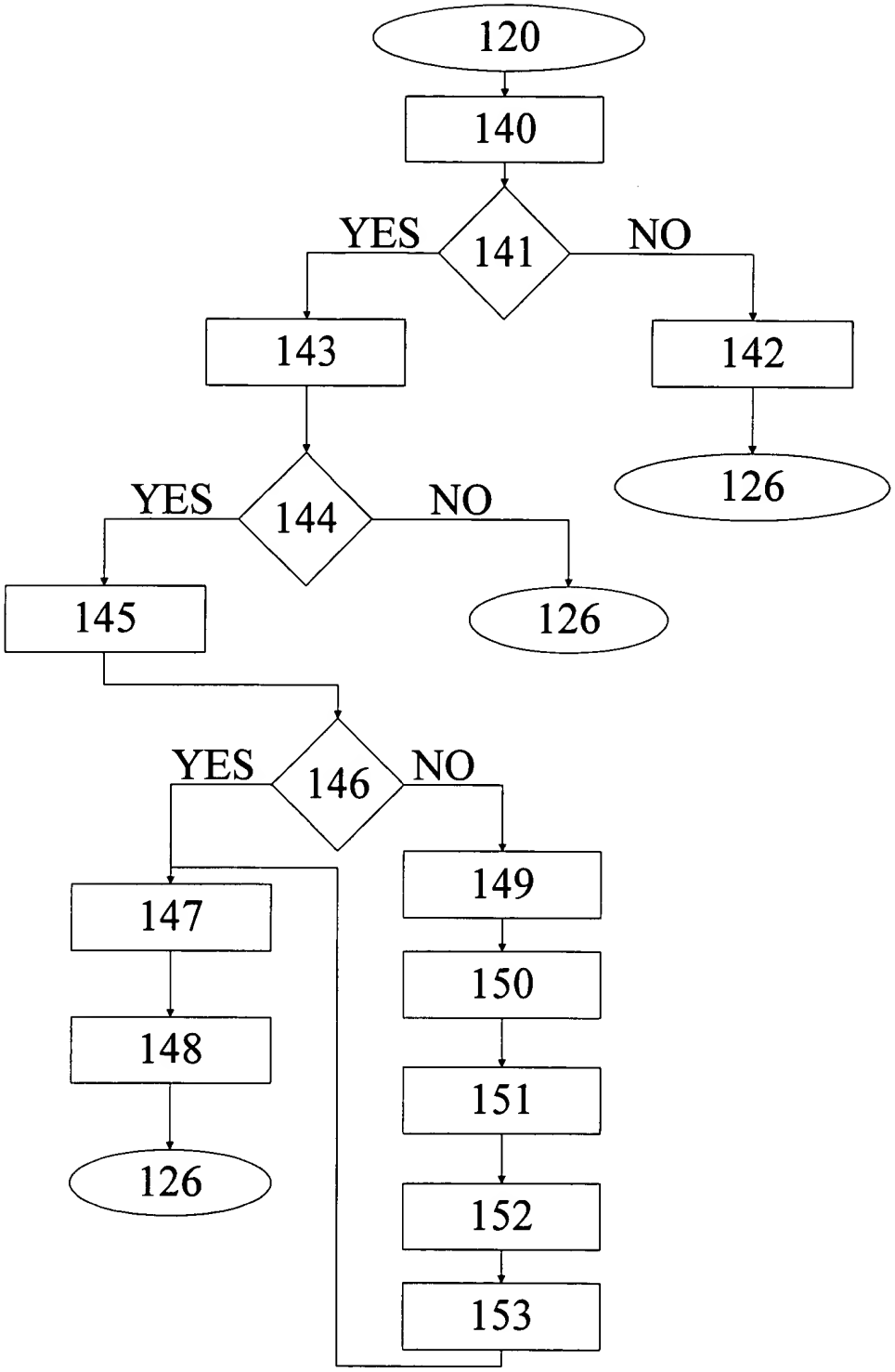
120
140
YES
141
NO
143
142
126
YES
144
NO
145
126
YES
146
NO
147
149
148
150
151
126
152
153

FIG6

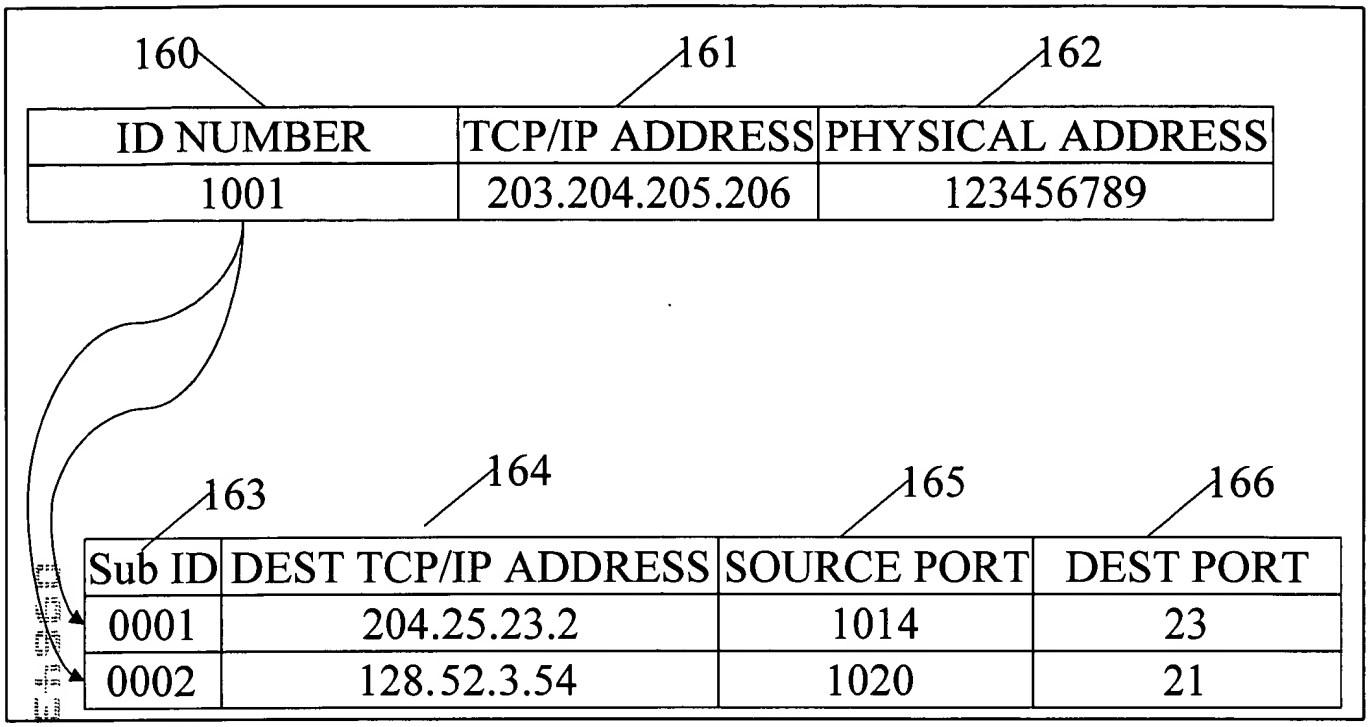
160
161
162
ID NUMBER
TCP/IP ADDRESS
PHYSICAL ADDRESS
1001
203.204.205.206
123456789
163
164
165
166
Sub ID
DEST TCP/IP ADDRESS
SOURCE PORT
DEST PORT
0001
204.25.23.2
1014
23
0002
128.52.3.54
1020
21

FIG7